STIC Database Tracking Number: 156677

TO: Beatriz Prieto Location: RND 4E75 Art Unit : 2142 Thursday, June 16, 2005 Case Serial Number: 09/660500	From: Carol Wong Location: EIC 2100 RND 4A30 Phone: 272-3513 carol.wong@uspto.gov

Search Notes

Dear Examiner Prieto,

Attached are the search results (from commercial databases) for your case.

Color tags mark the articles which appear to be most relevant to the case. Due to the 3-hr F&F time limitation, only NPL files have been searched. Pls submit another request if you wish the foreign patent files searched.

Please call if you have any questions or suggestions for additional terminology, or a different approach to searching the case.

Thanks,
Carol

File 696:DIALOG Telecom. Newsletters 1995-2005/Jun 15
        (c) 2005 The Dialog Corp.
File 15:ABI/Inform(R) 1971-2005/Jun 16
        (c) 2005 ProQuest Info&Learning
File 98:General Sci Abs/Full-Text 1984-2004/Dec
        (c) 2005 The HW Wilson Co.
File 112:UBM Industry News 1998-2004/Jan 27
        (c) 2004 United Business Media
File 141:Readers Guide 1983-2005/Dec
        (c) 2005 The HW Wilson Co
File 484:Periodical Abs Plustext 1986-2005/Jun W2
        (c) 2005 ProQuest
File 608:KR/T Bus.News. 1992-2005/Jun 16
        (c)2005 Knight Ridder/Tribune Bus News
File 813:PR Newswire 1987-1999/Apr 30
        (c) 1999 PR Newswire Association Inc
File 635:Business Dateline(R) 1985-2005/Jun 16
        (c) 2005 ProQuest Info&Learning
File 810:Business Wire 1986-1999/Feb 28
        (c) 1999 Business Wire
File 369:New Scientist 1994-2005/Apr W4
        (c) 2005 Reed Business Information Ltd.
File 370:Science 1996-1999/Jul W3
        (c) 1999 AAAS
File 20:Dialog Global Reporter 1997-2005/Jun 16
        (c) 2005 The Dialog Corp.
File 624:McGraw-Hill Publications 1985-2005/Jun 16
        (c) 2005 McGraw-Hill Co. Inc
File 634:San Jose Mercury Jun 1985-2005/Jun 15
        (c) 2005 San Jose Mercury News
File 647:CMP Computer Fulltext 1988-2005/May W5
        (c) 2005 CMP Media, LLC
File 674:Computer News Fulltext 1989-2005/Jun W2
        (c) 2005 IDG Communications

Set   Items   Description
S1   139061   IPAQ? OR PDD OR PDDS OR HPC OR HPCS OR WINCE OR VISOR OR P-
                  DA OR PDAS OR HANDSPRING? OR PIM OR PIMS OR PALMPILOT? OR PAL-
                  MTOP?
S2   536664   PALM? ? OR PALMONE? OR NEWTON? ? OR BLACKBERRY? OR (PEN OR
                  STYLUS OR POCKET)(2W)(COMPUTER? ? OR DEVICE? ?)
S3   49973   POCKETPC? OR PERSONAL()INFORMATION()MANAGER? OR PERSONAL()-
                  (DIGITAL OR DATA)()(ASSISTANT? ? OR ORGANI?ER? ?)
S4   422246   CELLPHONE? OR MOBILEPHONE? OR SCREENPHONE? OR RADIOPHONE? -
                  OR RADIOPAGER? OR PAGER? ? OR VIEWPHONE? OR SMARTPHONE? OR RA-
                  DIOTELEPHONE?
S5   811239   (RADIO OR SCREEN OR VIEW? OR SMART OR CELL OR CELLULAR OR -
                  MOBILE OR WIRELESS? OR WIRE()LESS?? ? OR FLIP OR DIGITAL)(1W)-
                  (TELEPHONE? OR PHONE? ? OR HANDSET? ? OR HAND()SET? ?)
S6   2409   PAGING(1W)(DEVICE? ? OR UNIT? ? OR APPARATUS? OR APP?? ? OR
                  TERMINAL? OR APPLIANCE?)
S7   39   PERSONAL()DISPLAY?()(DEVICE? ? OR UNIT?? OR APPARATUS? OR -
                  APP?? ? OR TERMINAL? OR APPLIANCE? OR CLIENT? ? OR PC OR PCS -
                  OR COMPUTER? ?)
S8   2791446   SELFCONTAINED OR SELF()CONTAINED OR MOBILE OR PORTABLE OR -
                  WIRELESS? OR WIRE()LESS?? ? OR HANDHELD? OR HAND()HELD? ? OR -
                  POCKET OR IR OR INFRARED
S9   358057   S8(2W)(CLIENT? ? OR PC OR PCS OR COMPUTER? ? OR DEVICE? ? -
                  OR UNIT? ? OR APPARATUS?? OR APP?? ? OR ORGANI?ER? OR TERMINA-
                  L? OR APPLIANCE?)
S10   149437   PALMSIZE? OR PALMHELD? OR HANDY? ? OR FLIPPHONE? OR VIDEOP-

```
              HONE? OR PICTUREPHONE? OR PHP? ?
S11      37166   (VIDEO OR PICTURE OR MESSAGE OR CAMERA OR VISION OR VOICE -
                 OR SPEAKER)(1W)(TELEPHONE? OR PHONE? ? OR HANDSET? ? OR HAND(-
                 )SET? ?)
S12      19292   MESSAGEPHONE? OR CAMERAPHONE? OR VISIONPHONE? OR VOICEPHON-
                 E? OR SPEAKERPHONE? OR PICTUREPHONE? OR WORLDPHONE? OR VIDEOP-
                 HONE? OR GOPHONE?
S13       6449   (WORLD OR GO)(1W)(PHONE? ? OR TELEPHONE? ?)
S14    2623556   PROXY? OR SERVER? OR SWITCH? OR GATEWAY? OR GATE()WAY? ? OR
                 ROUTER? ? OR HUB? ? OR CONCENTRAT?R? ?
S15       9483   POINT? ?(1W)(ACCESS??? ? OR ATTACHMENT?)
S16    4434053   SUBNET? ? OR SUBNETWORK? OR NETWORK? OR SUB()NET? ? OR WLA-
                 N? ?
S17     331677   LAN OR LANS OR WAN OR WANS OR VLAN? ?
S18      18657   (PERSISTENT? OR CONTINU? OR UNINTERRUPT? OR SUSTAIN?)(3N)C-
                 ONNECT?
S19    4733025   REACH? OR ROAM?
S20    3418849   BROADCAST? OR ADVERTIS? OR ADVERTIZ?
S21     247368   S18:S20(5N)S16:S17
S22     154819   S18:S20(5N)(AREA? ? OR DOMAIN? OR ZONE? ? OR REGION? ? OR -
                 SECTOR? ?)
S23      30263   S18:S20(5N)S14:S15
S24       3705   S21:S22(S)S23
S25        226   S24(S)(S1:S7 OR S9:S13)
S26        187   S25/1999:2005
S27         39   S25 NOT S26
S28         36   RD (unique items)
```

28/3,K/8   (Item 4 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
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00689706 93-38927
Wireless is hot topic in N.Y. sessions
Llana, Andy
Communications News v30n3 PP: 55 Mar 1993
ISSN: 0010-3632 JRNL CODE: CNE
WORD COUNT: 279

...TEXT: of RAM Mobile Data in his presentation offered a glimpse at
wireless messaging. The packet- **switched** wireless data **network** offers
seamless **roaming** capability in more than 100 major markets. The service
is similar to personal communications networks; a user with a **portable**
computer and a radio modem is always in touch, since the user's phone
number, as...

28/3,K/18   (Item 4 from file: 635)
DIALOG(R)File 635:Business Dateline(R)
(c) 2005 ProQuest Info&Learning. All rts. reserv.

0535914 94-90834
Roaming about productively with DEC
Anonymous
MASS HIGH TECH (Watertown, MA, US), V12 N20 s1 p7
PUBL DATE: 941003
WORD COUNT: 475
DATELINE: Maynard, MA, US

TEXT:

Set	Items	Description
S1	248419	IPAQ? OR PDD OR PDDS OR HPC OR HPCS OR WINCE OR VISOR OR P-DA OR PDAS OR HANDSPRING? OR PIM OR PIMS OR PALMPILOT? OR PAL-MTOP?
S2	541120	PALM? ? OR PALMONE? OR NEWTON? ? OR BLACKBERRY? OR (PEN OR STYLUS OR POCKET)(2W)(COMPUTER? ? OR DEVICE? ?)
S3	106146	POCKETPC? OR PERSONAL()INFORMATION()MANAGER? OR PERSONAL()-(DIGITAL OR DATA)()(ASSISTANT? ? OR ORGANI?ER? ?)
S4	270920	CELLPHONE? OR MOBILEPHONE? OR SCREENPHONE? OR RADIOPHONE? -OR RADIOPAGER? OR PAGER? ? OR VIEWPHONE? OR SMARTPHONE? OR RA-DIOTELEPHONE?
S5	854358	(RADIO OR SCREEN OR VIEW? OR SMART OR CELL OR CELLULAR OR -MOBILE OR WIRELESS? OR WIRE()LESS?? ? OR FLIP OR DIGITAL)(1W)-(TELEPHONE? OR PHONE? ? OR HANDSET? ? OR HAND()SET? ?)
S6	5544	PAGING(1W)(DEVICE? ? OR UNIT? ? OR APPARATUS? OR APP?? ? OR TERMINAL? OR APPLIANCE?)
S7	81	PERSONAL()DISPLAY?()(DEVICE? ? OR UNIT?? OR APPARATUS? OR -APP?? ? OR TERMINAL? OR APPLIANCE? OR CLIENT? ? OR PC OR PCS -OR COMPUTER? ?)
S8	3413707	SELFCONTAINED OR SELF()CONTAINED OR MOBILE OR PORTABLE OR -WIRELESS? OR WIRE()LESS?? ? OR HANDHELD? OR HAND()HELD? ? OR -POCKET OR IR OR INFRARED
S9	669282	S8(2W)(CLIENT? ? OR PC OR PCS OR COMPUTER? ? OR DEVICE? ? -OR UNIT? ? OR APPARATUS?? OR APP?? ? OR ORGANI?ER? OR TERMINA-L? OR APPLIANCE?)
S10	150895	PALMSIZE? OR PALMHELD? OR HANDY? ? OR FLIPPHONE? OR VIDEOP-HONE? OR PICTUREPHONE? OR PHP? ?
S11	49489	(VIDEO OR PICTURE OR MESSAGE OR CAMERA OR VISION OR VOICE -OR SPEAKER)(1W)(TELEPHONE? OR PHONE? ? OR HANDSET? ? OR HAND(-)SET? ?)
S12	30823	MESSAGEPHONE? OR CAMERAPHONE? OR VISIONPHONE? OR VOICEPHON-E? OR SPEAKERPHONE? OR PICTUREPHONE? OR WORLDPHONE? OR VIDEOP-HONE? OR GOPHONE?
S13	6775	(WORLD OR GO)(1W)(PHONE? ? OR TELEPHONE? ?)
S14	3849096	PROXY? OR SERVER? OR SWITCH? OR GATEWAY? OR GATE()WAY? ? OR ROUTER? ? OR HUB? ? OR CONCENTRAT?R? ?
S15	17741	POINT? ?(1W)(ACCESS??? ? OR ATTACHMENT?)
S16	7193119	SUBNET? ? OR SUBNETWORK? OR NETWORK? OR SUB()NET? ? OR WLA-N? ?
S17	673802	LAN OR LANS OR WAN OR WANS OR VLAN? ?

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S18     27677    (PERSISTENT? OR CONTINU? OR UNINTERRUPT? OR SUSTAIN?)(3N)C-
                 ONNECT?
S19    4105586   REACH? OR ROAM?
S20    6028414   BROADCAST? OR ADVERTIS? OR ADVERTIZ?
S21    4024399   REACH?
S22     104064   ROAM?
S23     112273   (S18 OR S21)(5N)S16:S17
S24      68063   (S18 OR S21)(5N)(AREA? ? OR DOMAIN? OR ZONE? ? OR REGION? ?
                 OR SECTOR? ?)
S25      58280   S14:S15(5N)S18:S20
S26       2556   S23:S24(S)S25
S27         51   S26(S)(S1:S7 OR S9:S13)
S28         41   S27/1999:2005
S29         10   S27 NOT S28
S30          9   RD (unique items)
S31    1305490   S14:S15(S)S16:S17
S32      90960   S31(S)S18:S20
S33       5131   S32(S)(S1:S7 OR S9:S13)
S34      47894   S31(S)(S18 OR S21)
S35       2488   S34(S)(S1:S7 OR S9:S13)
S36     434400   S18:S20(5N)S16:S17
S37     144825   S18:S21(5N)(AREA? ? OR DOMAIN? OR ZONE? ? OR REGION? ? OR -
                 SECTOR? ?)   
S38       8155   S36:S37(S)S25
S39        409   S38(S)(S1:S7 OR S9:S13)
S40        301   S39/1999:2005
S41        108   S39 NOT S40
S42         62   RD (unique items)
S43         53   S42 NOT S27
```

43/3,K/1   (Item 1 from file: 9)
DIALOG(R)File   9:Business & Industry(R)
(c) 2005 The Gale Group. All rts. reserv.

01676132 Supplier Number: 24437352   (USE FORMAT 7 OR 9 FOR FULLTEXT)
Iridium Begins Commercial Service
(Iridium LLC began commercial operations of its satellite-based mobile
  telephone and pager service)
Newsbytes News Network, p N/A
November 02, 1998
DOCUMENT TYPE: Journal (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 255

     (USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:
...is not scheduled to begin operation until mid-November.

With the Iridium service, customers using **cellular   telephones** are able
to make and receive telephone calls from almost any location on earth. When
in range of affiliated terrestrial cellular **networks** , the telephones will
 roam on those, **switching** to the satellite service only when out of
range of a local signal.
Reported By...

43/3,K/2   (Item 2 from file: 9)
DIALOG(R)File   9:Business & Industry(R)
(c) 2005 The Gale Group. All rts. reserv.

Set	Items	Description
S1	45390	IPAQ? OR PDD OR PDDS OR HPC OR HPCS OR WINCE OR VISOR OR P-DA OR PDAS OR HANDSPRING? OR PIM OR PIMS OR PALMPILOT? OR PAL-MTOP?
S2	151101	PALM? ? OR PALMONE? OR NEWTON? ? OR BLACKBERRY? OR (PEN OR STYLUS OR POCKET)(2W)(COMPUTER? ? OR DEVICE? ?)
S3	10337	POCKETPC? OR PERSONAL()INFORMATION()MANAGER? OR PERSONAL()-(DIGITAL OR DATA)()(ASSISTANT? ? OR ORGANI?ER? ?)
S4	19297	CELLPHONE? OR MOBILEPHONE? OR SCREENPHONE? OR RADIOPHONE? -OR RADIOPAGER? OR PAGER? ? OR VIEWPHONE? OR SMARTPHONE? OR RA-DIOTELEPHONE?
S5	135267	(RADIO OR SCREEN OR VIEW? OR SMART OR CELL OR CELLULAR OR -MOBILE OR WIRELESS? OR WIRE()LESS?? ? OR FLIP OR DIGITAL)(1W)-(TELEPHONE? OR PHONE? ? OR HANDSET? ? OR HAND()SET? ?)
S6	961	PAGING(1W)(DEVICE? ? OR UNIT? ? OR APPARATUS? OR APP?? ? OR TERMINAL? OR APPLIANCE?)
S7	9	PERSONAL()DISPLAY?()(DEVICE? ? OR UNIT?? OR APPARATUS? OR -APP?? ? OR TERMINAL? OR APPLIANCE? OR CLIENT? ? OR PC OR PCS -OR COMPUTER? ?)
S8	2133063	SELFCONTAINED OR SELF()CONTAINED OR MOBILE OR PORTABLE OR -WIRELESS? OR WIRE()LESS?? ? OR HANDHELD? OR HAND()HELD? ? OR -POCKET OR IR OR INFRARED
S9	98607	S8(2W)(CLIENT? ? OR PC OR PCS OR COMPUTER? ? OR DEVICE? ? -OR UNIT? ? OR APPARATUS?? OR APP?? ? OR ORGANI?ER? OR TERMINA-L? OR APPLIANCE?)
S10	23547	PALMSIZE? OR PALMHELD? OR HANDY? ? OR FLIPPHONE? OR VIDEOP-

HONE? OR PICTUREPHONE? OR PHP? ?
S11   6518   (VIDEO OR PICTURE OR MESSAGE OR CAMERA OR VISION OR VOICE -
                OR SPEAKER)(1W)(TELEPHONE? OR PHONE? ? OR HANDSET? ? OR HAND(-
)SET? ?)
S12   4941   MESSAGEPHONE? OR CAMERAPHONE? OR VISIONPHONE? OR VOICEPHON-
                E? OR SPEAKERPHONE? OR PICTUREPHONE? OR WORLDPHONE? OR VIDEOP-
                HONE? OR GOPHONE?
S13   1130   (WORLD OR GO)(1W)(PHONE? ? OR TELEPHONE? ?)
S14   1164530   PROXY? OR SERVER? OR SWITCH? OR GATEWAY? OR GATE()WAY? ? OR
                ROUTER? ? OR HUB? ? OR CONCENTRAT?R? ?
S15   2123   POINT? ?(1W)(ACCESS??? ? OR ATTACHMENT?)
S16   2608231   SUBNET? ? OR SUBNETWORK? OR NETWORK? OR SUB()NET? ? OR WLA-
                N? ?
S17   121684   LAN OR LANS OR WAN OR WANS OR VLAN? ?
S18   6148   (PERSISTENT? OR CONTINU? OR UNINTERRUPT? OR SUSTAIN?)(3N)C-
                ONNECT?
S19   1031043   REACH? OR ROAM?
S20   658619   BROADCAST? OR ADVERTIS? OR ADVERTIZ?
S21   32997   S18:S20(5N)S16:S17
S22   29151   S18:S20(5N)(AREA? ? OR DOMAIN? OR ZONE? ? OR REGION? ? OR -
                SECTOR? ?)
S23   6719   S18:S20(5N)S14:S15
S24   1428   S21:S22 AND S23
S25   74   S24 AND (S1:S7 OR S9:S13)
S26   46   S25/1999:2005
S27   28   S25 NOT S26
S28   25   RD (unique items)

28/7/3   (Item 2 from file: 2)
DIALOG(R)File   2:INSPEC
(c) 2005 Institution of Electrical Engineers. All rts. reserv.

5711825   INSPEC Abstract Number: B9711-6150M-031, C9711-5640-027
   **Title: Design of a handoff protocol for distributed call processing in
ATM-based PCS**
   Author(s): Hyun-Suk No; Sun-Young Park; Dae-Wook lee; Sung-Ho Hwang;
Won-Yeol Lee; Ki-Jun Han; Seok-Reol Heo; Myong-Cheol Kim
   Journal: Journal of KISS(A) (Computer Systems and Theory)   vol.24, no.8
p.819-26
   Publisher: Korea Inf. Sci. Soc,
   Publication Date: Aug. 1997 Country of Publication: South Korea
   CODEN: CKNOF2 ISSN: 1226-2315
   SICI: 1226-2315(199708)24:8L.819:DHPD;1-J
   Material Identity Number: E345-97008
   Language: Korean   Document Type: Journal Paper (JP)
   Treatment: Practical (P)

   Abstract: This paper describes design and implementation of a handoff
protocol for distributed call processing in ATM-based PCS. We designed the
handoff procedure using the SDL and evaluated it by the ObjectGEODE
simulator. In our handoff protocol, a UP (User Process) performs signaling
process related to the services. This can reduce mobile traffic signaling
overheads and call establishment time by performing service control and
location tracking of **mobile terminal** in parallel. Moreover, our
protocol will not force the **mobile terminal** to move service profile to
another **server** even during **roaming** . Thus, users will be provided the
same service as in their home **networks** regardless of **roaming area** by
our protocol. (5 Refs)
   Subfile: B C

File 347:JAPIO Nov 1976-2005/Feb(Updated 050606)
        (c) 2005 JPO & JAPIO
File 350:Derwent WPIX 1963-2005/UD,UM &UP=200537
        (c) 2005 Thomson Derwent
File 348:EUROPEAN PATENTS 1978-2005/Jun W02
        (c) 2005 European Patent Office
File 349:PCT FULLTEXT 1979-2005/UB=20050609,UT=20050602
        (c) 2005 WIPO/Univentio
File 324:German Patents Fulltext 1967-200523
        (c) 2005 Univentio

Set   Items   Description
S1   104   AU=HANSON A?
S2   9   AU=STURNIOLO E?
S3   7   AU=MENN A?
S4   268   AU=OLSON E?
S5   31   AU=SAVARESE J?
S6   404   S1:S5
S7   62452   MOBILE(5N)CONNECT?
S8   6   S5 AND S7

8/9/1   (Item 1 from file: 350)
DIALOG(R)File 350:Derwent WPIX
(c) 2005 Thomson Derwent. All rts. reserv.

015536512   **Image available**
WPI Acc No: 2003-598662/200356
XRPX Acc No: N03-476962
  **Maintaining method for network communications in non-limiting mobility
  architecture, involves terminating, instantiating and/or re-instantiating
  IP protocol session based on detection of event occurrence**
Patent Assignee: NETMOTION WIRELESS INC (NETM-N); SAVARESE J T (SAVA-I);
  STAVENS A (STAV-I); STURNIOLO E (STUR-I)
Inventor: **SAVARESE J T** ; STAVENS A; STURNIOLO E
Number of Countries: 103 Number of Patents: 005
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 200361188	A1	20030724	WO 2003US817	A	20030113	200356	B
US 20030182431	A1	20030925	US 99330310	A	19990611	200364	
			US 2002347243	P	20020114		
			US 2003340833	A	20030113		
AU 2003205094	A1	20030730	AU 2003205094	A	20030113	200421	
EP 1466434	A1	20041013	EP 2003703762	A	20030113	200467	
			WO 2003US817	A	20030113		
JP 2005515700	W	20050526	JP 2003561153	A	20030113	200535	
			WO 2003US817	A	20030113		

Priority Applications (No Type Date): US 2002347243 P 20020114; US 99330310
  A 19990611; US 2003340833 A 20030113
Patent Details:
Patent No Kind Lan Pg   Main IPC   Filing Notes
WO 200361188 A1 E 73 H04L-009/00
    Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA
    CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN
    IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ
    OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN
    YU ZA ZM ZW
    Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB
    GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT SD SE SI SK SL SZ TR TZ UG
    ZM ZW